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Approved for use through 10/31/2002. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/05 (03-01)

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

PCI-9

First Inventor

Hwey-Ching CHIEN

Title

Charge Pump for Phase-Locked Loop

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 7]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]

5. Oath or Declaration [Total Pages 2]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information:

Examiner

of prior application No. _____

Group Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name
HungChang LIN
8 Schindler Ct.

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Name (Print/Type)
Hung Chang LIN

Registration No. (Attorney/Agent)
28,789

Signature

Date

Oct. 17, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

031088 U.S. PTO
10/688476



102003

17611 U.S. PTO
102003

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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.
These are the fees effective October 1, 1997.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$) 425.00

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Hwey-Ching CHIEN
Examiner Name	
Group / Art Unit	
Attorney Docket No.	PCI-9

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: _____
Deposit Account Name: _____

☐ Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Making of the Notice of Allowance

2. ☒ Payment Enclosed:
☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE					
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid		
101 790	201 395	Utility filing fee	385		
106 330	206 165	Design filing fee			
107 540	207 270	Plant filing fee			
108 790	208 395	Reissue filing fee			
114 150	214 75	Provisional filing fee			
SUBTOTAL (1) (\$)			385		

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
_____	-20** = _____	X _____	_____
Independent Claims	-3** = _____	X _____	_____
Multiple Dependent			_____

**or number previously paid, if greater. For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 22	203 11	Claims in excess of 20	
102 82	202 41	Independent claims in excess of 3	
104 270	204 135	Multiple dependent claim, if not paid	
109 82	209 41	** Reissue independent claims over original patent	
110 22	210 11	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)			

FEE CALCULATION (continued)

3. ADDITIONAL FEES						
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid			
105 130	205 65	Surcharge - late filing fee or oath				
127 50	227 25	Surcharge - late provisional filing fee or cover sheet				
139 130	139 130	Non-English specification				
147 2,520	147 2,520	For filing a request for reexamination				
112 920*	112 920*	Requesting publication of SIR prior to Examiner action				
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action				
115 110	215 55	Extension for reply within first month				
116 400	216 200	Extension for reply within second month				
117 950	217 475	Extension for reply within third month				
118 1,510	218 755	Extension for reply within fourth month				
128 2,060	228 1,030	Extension for reply within fifth month				
119 310	219 155	Notice of Appeal				
120 310	220 155	Filing a brief in support of an appeal				
121 270	221 135	Request for oral hearing				
138 1,510	138 1,510	Petition to institute a public use proceeding				
140 110	240 55	Petition to revive - unavoidable				
141 1,320	241 660	Petition to revive - unintentional				
142 1,320	242 660	Utility issue fee (or reissue)				
143 450	243 225	Design issue fee				
144 670	244 335	Plant issue fee				
122 130	122 130	Petitions to the Commissioner				
123 50	123 50	Petitions related to provisional applications				
126 240	126 240	Submission of Information Disclosure Stmt				
581 40	581 40	Recording each patent assignment per property (times number of properties)	40			
146 790	246 395	Filing a submission after final rejection (37 CFR 1.129(a))				
149 790	249 395	For each additional invention to be examined (37 CFR 1.129(b))				
Other fee (specify) _____						
Other fee (specify) _____						
* Reduced by Basic Filing Fee Paid						
SUBTOTAL (3) (\$)			40			

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Hung Chang LIN	Reg. Number	28,789
Signature	<i>Hung Chang Lin</i>	Date	10/17/03
		Deposit Account	User ID

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